

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2004 年 5 月 27 日 (27.05.2004)

PCT

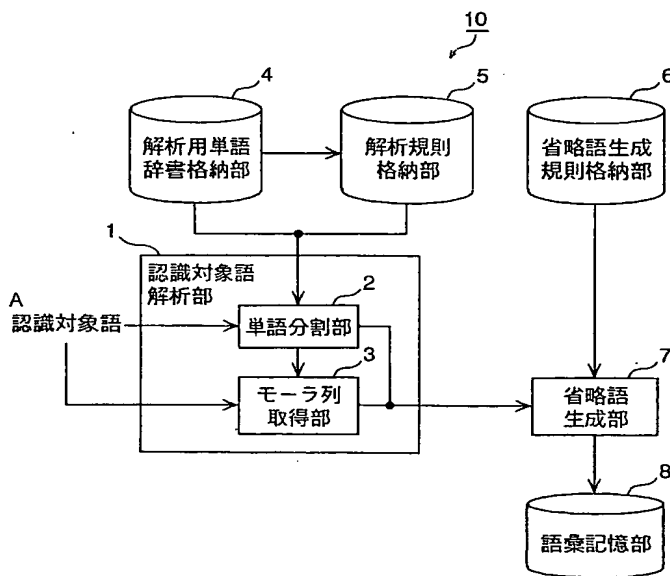
(10) 国際公開番号
WO 2004/044887 A1

- (51) 国際特許分類: G10L 15/06, 15/18 (71) 出願人 (米国を除く全ての指定国について): 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府 門真市 大字門真 1 0 0 6 番地 Osaka (JP).
- (21) 国際出願番号: PCT/JP2003/014168
- (22) 国際出願日: 2003 年 11 月 7 日 (07.11.2003)
- (25) 国際出願の言語: 日本語 (72) 発明者; および (75) 発明者/出願人 (米国についてのみ): 沖本 純幸 (OKI-MOTO, Yoshiyuki) [JP/JP]; 〒619-0224 京都府 相楽郡 木津町 兜台 2 丁目 2 番 1 号 D-1 0 5 号室 Kyoto (JP).
- (26) 国際公開の言語: 日本語
- (30) 優先権データ:
特願 2002-326503
2002 年 11 月 11 日 (11.11.2002) JP (74) 代理人: 新居 広守 (NII, Hiromori); 〒532-0011 大阪府 大阪市淀川区 西中島 3 丁目 11 番 26 号 新大阪末広センタービル 3F 新居国際特許事務所内 Osaka (JP).

[続葉有]

(54) Title: SPEECH RECOGNITION DICTIONARY CREATION DEVICE AND SPEECH RECOGNITION DEVICE

(54) 発明の名称: 音声認識用辞書作成装置および音声認識装置

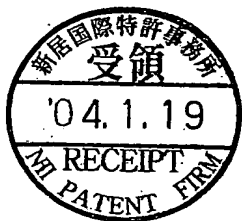


- 4...WORDS-TO-BE-ANALYZED DICTIONARY STORAGE SECTION
5...ANALYSIS RULE STORAGE SECTION
6...ABBREVIATED WORD CREATION RULE STORAGE SECTION
1...RECOGNITION OBJECT WORD ANALYSIS SECTION
A...RECOGNITION OBJECT WORD
2...WORD SEPARATION SECTION
3...MORA STRING ACQUISITION SECTION
7...ABBREVIATED WORD CREATION SECTION
8...VOCABULARY STORAGE SECTION

(57) Abstract: A speech recognition dictionary creation device (10) can effectively create a speech recognition dictionary capable of recognizing even an abbreviated expression of a word with a high recognition ratio. The device includes: a word separation section (2) for dividing a recognition object speech consisting of one or more words into constituting words; a mora string acquisition section (3) for creating a mora string for each of the constituting words according to the reading of the constituting words separated; an abbreviated word creation rule storage section (6) for storing an abbreviated word creation rule using mora; an abbreviated word creation section (7) for taking a mora out of a mora string of each constituting word, concatenating them so as to create a candidate of an abbreviated word consisting of one or more moras and applying the abbreviated word creation rule to the candidates so as to create an abbreviated word; and vocabulary storage section (8) for storing the created abbreviated word together with the recognition object word as a speech recognition dictionary.

(57) 要約: 単語の省略的な言い換え表現に対しても高い認識率で認識することが可能な音声認識用辞書を効率的に作成する音声認識用辞書作成装置 (10) であって、1 以上の単語から構成される認識対象語を構成単語に分割する単語分割部 (2)、分割された構成単語ごとの読みに基づいて、構成単語ごとのモーラ列を生成するモーラ列取得部 (3)、モーラを用いた省略語の生成規則を格納している省略語生成規則格納部 (6)、構成単語ごとのモーラ列からモーラを取り出して接続することにより、1 個以上のモーラからなる省略語の候補を生成するとともに、それら候補に対して、省略語生

納部 (6)、構成単語ごとのモーラ列からモーラを取り出して接続することにより、1 個以上のモーラからなる省略語の候補を生成するとともに、それら候補に対して、省略語生



PATENT COOPERATION TREATY

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Date of mailing (day/month/year) 08 January 2004 (08.01.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference P32473-P0	
International application No. PCT/JP2003/014168	International filing date (day/month/year) 07 November 2003 (07.11.2003)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 11 November 2002 (11.11.2002)
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al	

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<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
11 Nove 2002 (11.11.2002)	2002-326503	JP	30 Dec 2003 (30.12.2003)

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